

Workplan for Developing Water Use Efficiency Common Program

Draft -- August 13, 1996

Purpose

The purpose of this component of the CALFED Bay-Delta Program is to develop a description of the ways that a water use efficiency common program will be incorporated into the Phase II alternatives, and to quantify the effect that this water use efficiency program will have on water demand in and from the Bay-Delta watershed. This work plan describes the process and schedule for developing the water use efficiency common program.

Proposed Approach

The CALFED Bay-Delta Program will include water use efficiency as a common program in its solution alternatives. This water use efficiency program will help ensure that cost-effective water use efficiency measures are implemented throughout the Bay-Delta watershed and export areas, when the cost of water use efficiency measures is compared against the full societal cost of water supplies. The water use efficiency common program will also remove constraints or impediments to water use efficiency and facilitate implementation of efficiency measures. Categories of water use efficiency that the Program will examine include urban water conservation, agricultural water conservation, and water recycling. In addition, the program may examine water transfers as a way to encourage greater efficiency in the agricultural sector.

A common program for water use efficiency would apply the same institutional approach to water use efficiency in each alternative. The level of implementation of water use efficiency measures could vary from one alternative to another. This variation would depend on the cost and availability of existing water supplies and new supplies made available by other elements of the alternative. These elements include new conveyance, new storage, or reoperation of existing conveyance and storage. Thus, CALFED must design an appropriate and workable institutional approach to water use efficiency that accommodates variation in the level of implementation among the alternatives.

Because the work to define the water use efficiency program will involve policy issues as well as technical ones, advice from the Bay-Delta Advisory Council and its Water Use Efficiency Work Group will be very important in the development of this component. For each category of water use efficiency, the Work Group will examine policy issues and institutional approaches that will be most likely to produce optimum levels of implementation of efficiency measures. Using this input, CALFED staff will develop proposed water use efficiency approaches. The recommended approaches may be

different for the various categories of water use efficiency. Proposed approaches may be the topic of public workshops, and will be forwarded to the full Bay-Delta Advisory Council for comment and to the CALFED agencies for approval.

After approaches have been developed, estimates will be prepared of water savings that may be expected from these approaches. (At the same time, water supply and cost information will be developed for Conveyance and Storage components of the Program. This water supply and cost information will be used to estimate additional conservation that may be less costly than reliance on new supplies.) This information will be used to analyze impacts of the alternatives.

Task Description--Water Use Efficiency Common Program

The table below lists tasks, responsible parties, and target dates for work related to the development and quantification of a water use efficiency common program.

<u>Task Description</u>	<u>Responsible Party</u>	<u>Target Date</u>
Complete literature review and report on WUE tools	Consultant Team (CT)	July 12, 1996
Prepare paper on objectives and tools for urban water conservation	Program Team (PT), CT	July 12, 1996
Work Group meeting date	Work Group (WG)	August 1, 1996
Refine objectives and tools for urban water conservation	CT, PT	August 9, 1996
Prepare paper on objectives and tools for agricultural water conservation	CT, PT	August 16, 1996
Prepare paper on approach for urban water conservation	CT, PT	August 16, 1996
Work Group meeting date	WG	August 28, 1996
Refine objectives and tools for agricultural water conservation	CT, PT	September 6, 1996
Refine approach for urban water conservation	CT, PT	September 13, 1996
Prepare paper on approach for agricultural water conservation	CT, PT	September 13, 1996
Work Group meeting date	WG	September 26, 1996
Refine approach for agricultural water conservation	CT, PT	October 4, 1996

Prepare paper on approach for water recycling	CT, PT	October 4, 1996
Workshop on approaches to urban and agricultural conservation	CT	October 4, 1996
Work Group meeting date (TENTATIVE)	WG	October 17, 1996
Prepare final draft report on approaches for urban and agricultural water conservation, institutional needs	CT, PT	October 17, 1996
Refine approach for water recycling	CT, PT	October 24, 1996
Develop water savings estimates for urban, agricultural, and recycling common program approaches	CT, PT	November 8, 1996

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Refine and implementation



1997.